

CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM

# LISTING SERVICE

**LISTING No.** 7270-1394:119

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**CATEGORY:** Heat Detector

**LISTEE:** Apollo Fire Detectors Ltd, 36 Brookside Road, Havant, Hampshire, P09 1JR, England  
Contact: Gordon Ash +44(0)23 9249 2412 FAX +44(0)23 9249 2754

**DESIGN:** Discovery Model 58000-450 combination electronic/fixed temperature and rate-of-rise heat detector. Each unit consists of resistors, capacitors, diodes, thermistors, and integrated circuit. This device can be set at the control panel to any 5 modes of operation as detailed below. Refer to listee's data sheet for additional detailed product description and operational considerations.

Mode 1 = 135°F fixed temperature  
Mode 2 = 150°F fixed temperature  
Mode 3 = 150°F fixed temperature/rate-of-rise  
Mode 4 = 200°F fixed temperature/rate-of-rise  
Mode 5 = 200°F fixed temperature

**RATING:** Electrical: 17 to 28 VDC, 5 to 9 V protocol

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

**MARKING:** Listee's name, model number, electrical rating, and UL label.

**APPROVAL:** Listed as an analog heat-automatic fire detector for use with listee's separately listed compatible fire alarm control units and listed XP95A Models 45681 Series detector bases (CSFM Listing No. 7300-1394:114). Refer to listee's Installation Instruction Manual for details.

10-09-03



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **JUNE 22, 2004**

*Listing Expires **June 30, 2005***

Authorized By: **DIANE K. AREND, Senior Deputy  
Program Manager**